

## 22nd UCC SAFETY PERIOD SET IN PLANT



**BRING ON THAT GOOD FOOD** seems to be the thought in the minds of the members of the AIIE seated above prior to enjoying a meal in the new cafeteria of Dempster Brothers. From left are Al Grundman, Development Operations; John Harding, Mechanical Operations; Tom Webber, Production Control; Kirk Pearson, Development Operations; Harold Babb, Production Control. From left in the picture at right are G. A. Lundquist, Research Services; Dave Holcomb, ORNL; Howard Hicks, ORNL; Austin Read, Safety Department; C. W. McCollum, Production Control; E. E. Kennedy, Production Control.

### Industrial Engineers Tour Dempster Plant

#### AIIE Sees Equipment, Processes And Methods

The East Tennessee Chapter of the American Institute of Industrial Engineers held its annual tour of a plant in the East Tennessee area Thursday, January 30. The AIIE members were guests of Dempster Brothers in Knoxville for supper in the new plant cafeteria, which is still under construction, and a complete plant-wide tour which took them through all of the operations of the plant.

Each year the AIIE members tour an area plant to observe the application of industrial engineering principles. This was the first time for the group to tour the Dempster plant. Jack Dempster, nephew of George Dempster, partner of the firm and ex-mayor of Knoxville, was host to the AIIE members and their guests. Jimmy Wade, Industrial Engineer, conducted the tour and was assisted by Joe Smallman, Director of Advertising, and other officials of the firm.

#### 56 Observe Operations

During the tour, which lasted two hours, the 56-member group observed the operations of the plant which included the production of the famous Dempster Dumpsters and the huge presses

Continued on Page 4

### AEC Commissioner Speaks Twice In Area This Week

W. F. Libby, Commissioner of the Atomic Energy Commission, will give two lectures in East Tennessee this week as part of the East Tennessee Section of the American Chemical Society Lectureship Series. Libby will talk on the "Role of the Chemist in the Atomic Energy Program," Thursday, February 13, in the Roberts-Johnson Junior High School auditorium at 8 p.m. A dinner at 6:30 p.m. at the Oak Terrace will precede the talk.

On Friday, February 14, Libby will give the second lecture in Dabney Hall at the University of Tennessee in Knoxville at 8 p.m. The subject of the second lecture will be "The Chemistry of Radioactive Fallout."

Y-12 employees who are interested in either or both of the two lectures are invited to attend.



"THANK YOU FOR AN interesting tour," says Bob Krapf, right, president of the East Tennessee Chapter of the American Institute of Industrial Engineers to Jack Dempster, Field Engineer and host to the AIIE members as they toured the Dempster plant.

### Oak Ridge Symphony Hosts Julius Hegyi February 15

Julius Hegyi, music director and conductor of the Chattanooga Symphony, will appear on Saturday, February 15, as guest soloist with the Oak Ridge Symphony Orchestra, conducted by Anthony Raisis. Hegyi will perform the "Violin Concerto" by Max Bruch.

This concert is the sixth of the season presented under the sponsorship of the Oak Ridge Civic Music Association. The orchestra will also present a Haydn symphony, the overture from the opera "Euryanthe," a short number featuring the trumpet section, and adagio for strings.

Curtain time is at 8:15 p.m. at the Oak Ridge High School Auditorium.

### Chairmanship Of ACS Goes To James C. White, ORNL

James C. White, Section Chief of the Analytical Chemistry Division of the Oak Ridge National Laboratory, has taken office as the 1958 chairman of the East Tennessee Section of the American Chemical Society. Chairman-elect is David A. Shirley of the Chemistry Department of the University of Tennessee. The newly elected secretary is Karl Rapp, of ORNL, and the treasurer is R. H. Busey, also of ORNL.

### UCC Gives School Aid To Worthy Students

#### Scholarship Winners Selected By Colleges

Today, almost all the leaders of American business are college trained... over half of them with backgrounds in engineering or science.

But students must plan ahead as early as possible in high school. Parents and school counselors can help make certain that young people take the right preparatory subjects for college. Then, when the time comes, students will have freedom in selecting courses for their future careers.

To help more young men and women achieve their ambitions, Union Carbide established a scholarship plan five years ago. Today, over 750 scholarships and fellowships go to deserving students. The selection of scholars and administration of scholarships are in the hands of college officials.

The people of Union Carbide consider this program a worthwhile investment in America's most valuable future asset — its youth.

### Accountants Hold Session; Taxes Will Be Discussed

The February meeting of the Knoxville-Oak Ridge Chapter of the National Association of Accountants will be held Tuesday, February 18, at the new Dwarf Restaurant (next to Tate Motel) on Clinton Pike. The social period will begin at 6:30, dinner at 7 p.m. and the technical session at 8 p.m.

The feature for the evening will be a panel discussion of taxes—both personal and corporate—presided over by Carl Bonham, assistant treasurer of Dempster Brothers, Incorporated, who is president of the local chapter of NAA. Panel members will include J. C. Kramer, partner of Kramer, Dye, McNabb and Greenwood, Attorneys, Knoxville; Albert Miller, manager, Price, Waterhouse and Company, C.P.A., Knoxville; Keith G. Sherrod, partner, Gillespie and Sherrod, C.P.A., Knoxville; and Beecher E. Graybeal, technical advisor and conference coordinator, U.S. Internal Revenue Department, Nashville.

## Unblemished Safety Record Urged In Y-12 Plant Area During This Year

### Latest String Of Accident-Free Days Reached February 4th — Let's Keep The Record Unbroken

Let's keep the green light of safety flashing at the Y-12 Portals. The 22nd Union Carbide Corporation Safety Period in the Y-12 Plant Area was established by safety-minded employees of Union Carbide Nuclear Company as of Tuesday midnight, February 4, when the 1,500,000 man-hour mark of plant operations without a disabling injury was passed. The string of accident-free days began on December 17, 1957.

Of course, the record is still unofficial—pending the 20-day waiting period to determine if any disabling injuries turn up that happened during the period.

#### Accident-Free January

So far this year no disabling injuries have been listed to mark the first accident-free January in Y-12 since 1949. Now that the New Year is off to a good safe start this would be the time for all employees in the Y-12 Plant Area to remain alert and strive for an accident-free year. Only through the combined efforts of each and every employee in the plant could this be accomplished. Y-12ers should be safety-minded at all times, while on the job and off. "Knowing is not enough," although everyone knows the hazards that exist with respect to unsafe methods, this is not enough. Precaution, alertness and safe practices must be combined with knowledge of unsafe conditions to maintain an unblemished safety record.

The year 1957 was one of the finest from a standpoint of safety in the history of the Y-12 Plant. During the year past there were only 14 disabling injuries for the 11,150,836 hours of plant operations to establish the remarkable frequency rate of only 1.3. Y-12 employees should be commended for the preceding year and for the running start that has been gained so far during 1958.

#### Plant Receives Many Awards

The Y-12 Plant has received many awards in the past for its fine safety record and individual safety awards will have been presented on 21 occasions when the items have been distributed for the 21st UCC Safety Period.

However, as has been pointed out time and time again in The Bulletin and at divisional, departmental and shift safety meetings, the true value of a safety record lies not in the plant and individual awards but in the continued good health of every employee and the freedom from pain, mental an-

Continued on Page 4

## Safety Period Award Delivery Next Week

### Change Pickup Method; Use Designated Portal

The distribution of the individual safety awards to eligible Y-12 employees for the completion of the 21st Union Carbide Corporation Safety Period is scheduled for February 18, 19 and 20, at the East, North, Central, West and Bear Creek Portals.

The hours of delivery are as follows:

**Tuesday, February 18, 2 to 5 p.m.**

**Wednesday, February 19, 6:30 to 8 a.m. and 2 to 5 p.m.**

**Thursday, February 20, 6:30 to 8 a.m.**

#### Change In Distribution

A slight change in the distribution method will be in effect with this distribution of awards. Y-12 employees will obtain their selection cards at one point or line at each portal, then take their cards to another line or window to receive their respective award. Signs will be posted at the portals in respect to the change.

Each employee should remember to call for his or her award at the particular portal designated on the selection card when it was filled out. It has been suggested to Y-12ers by the Safety Department that some of the awards are bulky and a pickup on leaving the Y-12 Plant Area would cause less handling of the articles.

#### Items For 21st Period

The awards to be distributed next week are for the 21st UCC Safety Period in which 3,132,039 man-hours were worked without a disabling injury. The articles are valued at \$5 each, this is the second time that \$5 awards have been distributed in Y-12 since Union Carbide assumed operations here on May 4, 1947.

The 16 items that will be distributed are an electric hair dryer; an electric lantern; Chef's set; aluminum water jug; bathroom scales; world globe; lap robe; metal ice chest; golfer's umbrella; metal garbage can; mixing bowl set; trolling reel; weather instrument; electric bean pot; Sessions electric alarm clock.

Y-12ers are urged to pick up their awards on the assigned days at the portals so that the articles may be distributed more efficiently.

### UCC DECLARES DIVIDEND

The Board of Directors of Union Carbide Corporation declared a cash dividend of \$.90 per share on the outstanding capital stock of the Corporation payable March 3, 1958, to stockholders of record on February 7. The last quarterly dividend was \$.90 per share paid December 2, 1957.

**SAFETY SCOREBOARD**  
The Y-12 Plant Has  
Operated  
56 Days Or  
1,676,187 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through February 9  
Phone 7755  
For Daily Report  
On Accident-Free Hours



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
A Division Of  
Union Carbide Corporation

GEORGE W. DOBBS . . . Editor

## OFFICE

Post Office Box Y  
Oak Ridge, Tenn.  
Bldg. 9704-2 Room 228  
Telephone 7751



GIVING OUT DOLLARS is the UCC Safety Girl above who checks automobiles for defective points.

## UCC Opens Automobile Safety Girl Program

### Girl Checks Safety Features In 10 Cities

To dramatize the importance of car maintenance to auto safety, a Union Carbide installation recently launched an Auto Safety Girl Program.

In 10 cities throughout the nation the Company selected a local girl, dressed her in a fetching white outfit, provided her with a motor scooter and sent her out as the Auto Safety Girl.

Her assignment: approach car owners at drive-in restaurants, parking areas, hotel and theater entrances to spot check the safety of their automobiles. Assisted by a male attendant, she inspects lights, brakes, steering wheel, horn, tires, windshield wipers, and tools in the trunk. She also looks to see if there's a flashlight in the car and anti-freeze in the radiator.

To the lucky car owners who pass the test, she gives a big smile and a silver dollar. If a car needs attention, she hands out a frown and a "safety summons" indicating the faulty part and urging prompt attention.

Better go out and check your car. The dollar might not matter, but your safety is well worth the effort.

## TVA Official Will Speak To AIEE Thursday Night

Clarence H. Mock, of the Electrical Design Branch of TVA in Knoxville, will speak to the Oak Ridge Section of the American Institute of Electrical Engineers at a meeting to be held in the Coral Room of the Ridge Recreation Hall on Thursday, February 13, at 7:30 p.m.

Mock will speak on the subject of "Load Frequency Control and Telemetering," which will include loads as they vary in interconnected power systems and high speed automatic load control equipment. The lecture will be illustrated with slides.

AIEE members in Y-12 and other interested employees are invited to attend this informative talk. Further information may be obtained by communicating with R. P. George, plant phone 7081.

## Home Growing Course Slated For Feb. 24-27

Y-12ers that are interested in growing plants, whether grass, flowers, vegetables, berries or house plants are invited to attend a "Home Grounds and Gardens" short course to be held February 24, 25 and 27 from 7 to 9 p.m. at the University of Tennessee College of Agriculture campus, Morgan Hall, at Alcoa Bridge.

The subjects to be taught and discussed include landscaping, lawns, pruning, annual flowers, vegetables, strawberries, soils, fertilizers, house plants, pest control, propagation of plants, how plants grow and good use of small space. Y-12ers who have attended these sessions in the past have found them beneficial in all types of home growing.

Enrollment will be at Morgan Hall on the first night of the course. The registration fee is \$1.00 and is good for one night or for all three nights.



Get well wishes are extended to the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

H. D. Pierce, B. F. Fox and H. F. Wyrick, Process Maintenance; R. P. Mann, Utilities; D. H. Allen, W. A. Rutherford, U. M. Oxford and S. L. Newton, General Machine Shop; J. W. Ellison, Alloy; W. T. McGee and M. T. Little, Chemical; W. T. Smith and O. E. Hatmaker, Product Processing; C. L. Hawkins, Sunflower Shop; T. R. Smith, Guard Department; C. D. Woods, Buildings and Grounds; C. R. Rea, Alpha Five Cascade Operations; R. R. Fowler, Project Engineering.

## ANS To Hold Annual Meet At Los Angeles June 2-5

The American Nuclear Society will hold its Fourth Annual Meeting in Los Angeles, California, on June 2-5, with headquarters at the Statler Hotel. Between 1200 and 1500 of America's leading scientists and engineers are expected to attend, as well as many noted scientists from other countries. ANS now has more than 130 overseas members in 28 countries.

The Society, which is just over three years old, has grown to embrace a membership approaching 3000, with nine geographic local sections and five student branches. Its membership is open to all professionally qualified individuals engaged in one or more fields of nuclear science or engineering.

Further information concerning the activities of ANS and membership application forms, may be obtained from the Executive Secretary, American Nuclear Society, Incorporated, P. O. Box 963, Oak Ridge.

## Ridge Recreation Hall Scene Of ASCE Meeting

The American Society of Civil Engineers will meet at 8 p.m. Thursday, February 13, in the Blue Room of the Ridge Recreation Hall. Gibson Morris, Chief Engineer at Oak Ridge National Laboratory, will present a film and discussion on "Construction of the Tower Shielding Facility at Oak Ridge National Laboratory."

Y-12ers who are members of ASCE, and other interested employees, are invited to attend this informative meeting.

Slow down at sundown.



"NOW IF I COULD JUST get my feet on those pedals!" seems to be the statement of Jerry Monger, son of Roy E. Monger, Alloy Shop, in the picture at top which won first place in the Y-12 Weekly Photographic Contest for the week ending February 7. "I've got you covered," says Barbara Barton, daughter of T. H. Barton, Production Analysis, in the picture below, which took second place in the contest.

## Welders To Meet Tuesday February 18 At Oak Terrace

The American Welding Society will meet next Tuesday, February 18, in the Starlight Room at the Oak Terrace. Walter B. Meyer, president of the St. Louis Metalizing Company, will speak at the 8 o'clock meeting following dinner at 7 p.m.

Meyer will present a brief description of the Metalizing process, the equipment involved, and a resume of its history. He will deal at some length with the engineering specifications surrounding the application of sprayed metal coatings. This lecture will include an illustration by slides of a series of case histories of metal sprayed applications, some of which have been in service for 20 years.

Y-12 members of AWS and other interested employees are invited to attend this informative meeting.

## TASTY DISHES SELECTED FOR SPECIAL LUNCHES

Tasty dishes have been arranged for the Y-12 Cafeteria Special Lunches to be served tomorrow, Thursday, February 13; and next Tuesday, February 18. For tomorrow the 50-cent Special Lunch will have chicken croquettes with parsley cream sauce for the entree while next Tuesday creamed eggs and mushrooms on toast will be the main dish. Each Special Lunch also includes one vegetable, choice of salad or desert and rolls and butter.

CARELESS DRIVING  
IS KID STUFF!



The old Colyum Conductor, "pappy man" of this here now publication, was preparing at press time to take his truckulent ticker from the "Belles of St. Mary's" for less exciting quarters described by his medico as "modified bed rest." Emotions were mixed as the CC prepared to leave the Knoxville haven of healing. Ol' CC claimed he had all the nurses "crazy about him." Other quarters just said he had "run the nurses crazy," period. Anyhow, he got around to nicknaming them all—such as Princess, Queen of Sheba, Bunny, Soapy, Madam Queen, his favorite back rubber, and Shenanagins.

Bless 'em all—says he—hoping to be back soon. So while the CC is away let's take off like the "Explorer" around the plant and see what the news is this week starting with . . .

## MAINTENANCE

Research Services welcomes B. B. Coulter back to work after an illness of more than four months. . . . On the sick list last week we found D. F. Kirby, P. E. Clifton, P. Pelfrey, H. M. Smith, T. A. Scarbrough, S. R. Messamore and J. F. Davis. . . . The welcome mat was rolled out last week for George Graham who joined the ranks.

Seems as though there are a lot of sick folks in Mechanical Maintenance nowadays, so get - well wishes are sent to C. W. May, G. D. Adams and J. E. Pratt. . . . And a speedy recovery is sent to the wife of K. C. Fritts who is in the Harriman Hospital for surgery; and to the wife of A. G. Stooksbury who had an emergency appendectomy. . . . Abed in Oak Ridge Hospital following an automobile accident on the way to work last week is the wife of H. L. Odom. . . . M. Chludzinski is taking a two weeks vacation to be with his mother who is ill in New York. . . . Also on vacation to be with his wife who is ill is V. Humphrey; get-well wishes are extended to Mrs. Humphrey.

A wish for a speedy recovery is extended by the department to the daughter of C. R. Webber and to the son of W. F. Cooper.

## ALLOY

Alpha Five Cascade Operations announces that the Proud Pop of the week is Brad Napier with a son born February 3, weighing eight pounds and four ounces, and named Ernest Bradley. Congratulations!

## SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

The Shift Superintendents news for the week is about the travelers down that way—including the S. F. Creigh's who journeyed to Louisville, Ky., recently. . . . Jean Granstaff week-ended in Dollywood, Tenn., with her folks recently. . . . The C. C. Hopkins strolled around in the snow in the Smokies recently. . . . J. E. Temple is welcomed back after a recent illness.

## CHEMICAL

Proud Pop of the week in the Chemical Department is S. P. Vavalides with a son born last week weighing six pounds and eight ounces, named George Michael. Congratulations from the department! . . . Get-well wishes go to Sue Johnson who is in the hospital at Morristown and to W. T. McGee who is in Oak Ridge Hospital. . . . Jo Ann and Ed Isham had as guests for the weekend her brother and family from Birmingham, Ala., and Mr. and Mrs. W. B. Ewen from Lexington, Ky.

## TECHNICAL

Mechanical Engineering's Lillian Higgs was up in Lexington, Ky., over the weekend and enjoyed six to eight inches of snow. . . . W. K. Forrester was elected

first vice chairman of the ASTE at the regular meeting last week. . . . F. W. Jones is sporting a new convertible these days. . . . E. C. Smith, who has been working with the Beta Two group, is back in the main office again. . . . O. L. Ellington finally broke down and did it—replaced the Texas license plates on his car with those Volunteer tags!

Laboratory Operations sends get-well wishes to Helen Becker's daughter who is ill.

Production Analysis welcomes newcomer Arthur Henley. . . . Martha Nelson and Thelma Cole are back at work following their recent sick spells.

Production Assay reports that Lorene Jones is resting at home following a recent appendectomy. . . . A speedy recovery is extended to Verney Sharp who is ill at home in Lake City.

## FINANCE AND MATERIALS

Members of the Shipping and Receiving Department extend their sympathy to D. E. Ferguson whose father-in-law passed away recently in Tazewell, Tenn.

## MECHANICAL OPERATIONS

The Production Control Department rolled out the welcome mat last week for newcomers K. O. Pearson, A. C. Grundmann, G. D. McCurry and S. W. Turner. . . . On the ailing list around the department are W. W. Rogers and C. M. Jenkins. . . . Get-well wishes are extended to the mother of T. B. Caldwell and to the father of R. V. Harrell, both of whom are ill. . . . B. F. Turnbull and Milton Patterson have returned after a short illness. . . . O. L. Keene reports that he dished out nothing but justice while serving on the Anderson County Grand Jury last week. . . . The Department is pulling for the daughter of Fred Campbell, who is still in the hospital as a result of burns sustained at Christmas time. . . . Word has it that S. F. Russell is enriching his gray matter through the medium of a correspondence course. . . . E. D. Collins is taking the Dale Carnegie course.

The General Machine Shop welcomes Wallace V. Neal to the department. . . . A. G. Bryant vacationed last week in Newport, Tenn., and joined the Proud Pop club while there. . . . Lyle G. Lankford's father, who has been a frequent visitor to Oak Ridge, is ill at his home in Temple, Texas. . . . Get-well wishes are sent to D. H. Allen, Charley Johnson, G. A. Tedder and J. B. Price.

A speedy recovery is extended to J. F. Trent and J. W. Stevison by members of the D Mechanical Operations Department. . . . The department wishes to welcome newcomers R. R. Bailey, D. C. Eads, E. R. Hinton, P. N. Fisher and G. D. Butters. . . . A special get-well wish is sent to E. P. Webster's two-year-old daughter who has scarlet fever. . . . J. W. Cook is vacationing—with a family reunion and duck hunting in South Carolina. . . . Harry "Beetle" Bailey is admiring his new waistline—he now has it out where he can see it!

On the ailing list in the Sunflower Shop are R. E. Graham and E. J. Higdon. . . . H. G. Crews vacationed in Alabama last week. . . . E. Cooper spent his vacation last week working on his new house. . . . D. C. Bonifacius was out last week due to the slippery roads in Morgan County.

Proud Pop of the week in the Alloy Shop is Danty Cook who is the papa of a nine pound baby boy named Kenneth Wayne. . . . G. T. Bell has been on vacation for the past two weeks doing mechanical work on his cars—hopes are that he will be able to drive one of them back to work. . . . D. J. Schafer is welcomed back after a recent illness. . . . L. A. Smith has mastered C. D. Wells in checkers for the past month—Wells says he just can't seem to get going—better luck this week, C. D.!



# LEN HART WINS Y-12 BOWLING TITLE FOURTH TIME



**NO GARDEN VARIETY TEAM ARE THE SUNFLOWERS** shown at left prior to their whitewash victory over the Daffodills in the C Bowling League last week. From left are J. W. Halsey, N. B. Bloomer, B. P.

Parteka, E. F. Sise and R. R. Galford. At right are the Daffodills, victims of the Sunflowers' wrath. From left are E. Collins, W. C. Smith, J. D. Collins, J. Shelton, C. W. Ridings and B. Hagood.

## Park Girls' Champ; Scrappers Top Team

### Oliver Cops Handicap; Ellis Takes Men's Singles

Larrupin' Len Hart successfully defended his Y-12 Plant bowling championship last week at the Oak Terrace with the record-breaking mark of 1820 scratch all-events score in the 1958 Plant Tourney. Hart, who has remained the champion bowler in Y-12 for four years, posted a 1787 scratch all-events in 1955, a 1623 in 1956 and a 1731 in 1957.

In addition to defending his crown, Hart also posted the highest series in the men's singles event with a 629 and he teamed with A. A. Groppe to place sec-



Len Hart

ond in men's doubles with a 1109 scratch score.

Championship bowler in the women's division was Dot Park, who scored a 1336 scratch. Park teamed with Elmore Koons to win first place in the mixed doubles with a 1052 scratch, in addition to gaining the crown.

### Dot Park

In team competition the Scrappers won first spot in the scratch with a 2713, with the Rebels taking the runner-up position with a 2636 score. The Bumpers were tops in the handicap event with a 3035, edging out the Has Beens who posted a 3020 handicap.

Running 38 pins ahead of Hart and Groppe in the men's doubles were Ed Gambill and Frank Gragg who took top scratch honors with a 1147. Ed Sise and R. R. Galford were tops in handicap scoring with a 1221 while only three pins behind were Otto Briscoe and Paul Petretsky with a 1218 handicap.

J. D. Brown finished behind Hart in the men's scratch singles with a 591. Ray Ellis copped handicap scoring honors with a 685 to beat out Clyde Smith who posted a 662 handicap.

In mixed doubles Mavis Koons and Roy Roberts won second place in the scratch scoring with 1026. Joe Dunlap and Joanne Osborne topped the handicap scoring with 1247 while Ray Ellis and Shirley Brown were only one pin behind with 1246.

The 1958 Y-12 Bowling Tournament will long be remembered by Herb Oliver who placed first in the all-event handicap scoring with a score of 1958. Oliver also scored the highest single scratch

Continued on Page 4

## Sunflowers Close In On Leaders With Shut-Out Win In 'C' League

The Sunflowers moved in on the league leading Hi Balls in the C Bowling League last week as they trounced the Daffodills with a whitewash triumph. The Hi Balls slipped but little as they took a three point game from the B Shifters. Other whitewash victories were posted as the Murderer's Row chilled the Chillers and the Alley Cats took a four point forfeit game from the Eight Balls.

R. R. Galford, of the Sunflowers, topped the scratch single game with a 192 and also had the highest scratch series with a 535 mark. Frank Kennedy, of the Murderer's Row, topped the handicap single

with a 229 while J. W. Halsey, of the Sunflowers, led the handicap series scoring with a 646.

The Sunflowers swept all team scoring honors for the second straight week as they posted an 808 scratch single game, upped it to 991 with handicap, a 2362 scratch series and a 2909 handicap series.

League standing follows:

Team	W	L
Hi Balls	22	6
Sunflowers	19	9
Murderer's Row	18	10
B Shift	17	11
Alley Cats	16	12
Chillers	10	18
Daffodills	9	19
Eight Balls	1	27

## Scrappers, Pin Cats Battle For Top Spot

Out of the three teams tied for first place in the Mixed Bowling League only two remained after games of last week. The Scrappers took three points from the Nip and Tucks to hang on to the first place tie with the Pin Cats, who topped the Alley Cats for three points. The Clippers and the Units drew an even split with both teams taking two games each.

Nancy Garrison, of the Scrappers, led the individual scratch single game scoring for the women with a 164 and topped the handicap single with a 218 mark. Joyce Gillihan, of the Nip and Tucks, topped the scratch series with 411 and Jane Sheldon, of the Clippers, had the highest handicap series with a 569 mark.

Tom Hillard, of the Scrappers, led men's scoring with a 188 scratch single game, upped it to 218 with handicap and led the handicap series with a 601. Clyde Smith, of the Scrappers, topped scratch series scoring with a 552.

The Scrappers led team scoring by posting a 634 scratch single game, upped it to 796 with handicap, an 1850 scratch series and a 2285 handicap series.

League standing follows:

Team	W	L
Scrappers	10	6
Pin Cats	10	6
Alley Cats	8	8
Clippers	7	9
Units	7	9
Nip and Tucks	6	10

15-7, for a three point triumph that kept them undefeated as well. The Beavers had an unlucky evening all the way around as they dropped two games to the Reactors, 15-11 and 15-9.

League standing follows:

Team	W	L
Hawks	9	0
Hunters	6	3
Reactors	3	3
Beavers	0	9

The average American now owns 3.5 pairs of shoes.

## Night Owls Increase Evening Loop Lead

The Night Owls continued to post victories in the Evening Shift League last week as they scored a three point triumph over the second place Do Littles. The Hot Shots moved out of the cellar with a three point victory over the King Pins.

E. L. Reed, of the Hot Shots, dominated the individual scoring bracket as he posted a 216 scratch single game, a 610 scratch series and a 664 handicap series. J. R. Murph, of the Do Littles, topped the handicap single with a 244 mark.

The Hot Shots led all team scoring as they ran up a 717 scratch single game, upped it to 800 with handicap, a 2085 scratch series and a 2334 handicap series.

League standing follows:

Team	W	L
Night Owls	7	1
Do Littles	4	4
Hot Shots	3	5
King Pins	2	6

## Y-Ettes Drop Five In Volleyball Loop

The Y-Ettes didn't fare so well in the Carbine Women's Volleyball League last week as they lost five games and won one. The Y-12 girls lost three games to ORNL—12-15, 3-15 and 5-15. The ORNS Cobalts topped the Y-12 women two times to drop the Y-Ettes into a tie for last place with the Cobalts. The Cobalts won by marks of 15-12 and 15-12 before losing 15-5.

The race for the last half championship tightened as the K-25 Spikers topped ORNL 16-14 and 15-12 before falling 9-15. The Spikers took two from the Cobalts, 15-8 and 15-8, and lost one game, 7-15.

League standing follows:

Team	W	L
ORNL	14	4
Spikers	12	6
Y-Ettes	5	13
Cobalts	5	13

## Wasps Second Round Champs In Classic Loop

The Wasps moved up from second place in the Classic Bowling League last week to take over top position and to become the second round championship team. The Wasps took a three-point victory from the Tigers, while the Bumpers dropped three to the Wolves, to spring into the top spot. The Rebels whitewashed the Rippers and the Has Beens skunked the Cubs to tie for second place with the Bumpers. The Screwballs whitewashed the All Stars and the Swingsters took three points from the Playboys.

J. D. Brown, of the Wolves, won the individual scoring honors for the evening as he posted a 245 scratch single, upped it to 266 with handicap, a 613 scratch series and a 676 handicap series.

The Wolves dominated team scoring as they scored an 888 scratch single game, a 2641 scratch series and a 2971 handicap series. The Swingsters topped the handicap singles with a 1017 mark.

League standing follows:

Team	W	L
Wasps	27 1/2	16 1/2
Bumpers	26	18
Rebels	26	18
Has Beens	26	18
Wolves	25 1/2	18 1/2
Rippers	24	20
Tigers	22	22
All Stars	21	23
Playboys	21	23
Screwballs	19	25
Cubs	14	30
Swingsters	12	32

## Engineers Top Rims In Basketball Loop

The Rims topped the Engineers 40-32 in the Y-12 Basketball League last week in the only game played. Evans led the winners in scoring with 22 points, while Carter posted eight and Oldham six. C. E. Myers was top scorer for the losing Rims with 12 points.

League standing follows:

Team	W	L
Wizards	6	0
Engineers	4	2
Cubs	1	2
Rims	1	3
Sharpshooters	0	5

## 'D' Shift Bingo Party Set For February 20

The D Shift will hold a Bingo Party Thursday, February 20 at 8 p.m. at Bradshaw's Steak House on Solway Road. There will be plenty of bingo and beautiful prizes to be given away by the D Shift Recreation Committee. The D Shift has always been known for its fine bingo parties in the past. An excellent crowd is expected to attend.



**"TRAVELING CAT" IS THE** title that may be applied to "Jackie," the prize possession of Arthur "Shorty" Rogers, Laboratory Operations. "Jackie" is only eight months old and has traveled to and from Phoenix, Arizona and all over the state of Tennessee, not to mention short trips that include almost every place around Oak Ridge except the Y-12 Plant Area.

## Marksmen Get Twin Win In Pistol League

The Marksman team is still hanging on to first place by a slim margin in the Y-12 Pistol League after firing last week. The Marksmen defeated the Experts by 240 to 215 scratch and 285.827 to 283.374 handicap. The Sharpshooters remained close behind the league leaders as they topped the Masters with a 260 to 249 scratch and a 289.100 to 286.103 handicap.

P. H. Williams, of the Sharpshooters, was high gun for the night with a 260 scratch and a 289.100 handicap. F. W. Stout joined the ranks of the Experts team last week and fired a 192 scratch which is a fine score for a beginner. Stout is welcomed to the league and any other Y-12er that is interested in joining the Pistol League is requested to contact A. V. Bible, plant phone 7933, for further information.

The next meeting of the teams will be Thursday, February 13, at the Oak Ridge Sportsman's Association Indoor Range when the Marksmen take on the Masters and the Sharpshooters meet the Experts.

League standing follows:

Team	W	L
Marksmen	16	8
Sharpshooters	15	9
Experts	9	15
Masters	6	16

## Unbeaten Hawks Lead In Volley Loop

The Hawks remained undefeated in the Y-12 Men's Volleyball League last week as they gained a three point forfeit win from the Sooners. The Hunters won two games from the Beavers, 15-10 and

Ray Ellis





Bulk Rate  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 71

**UNION CARBIDE  
NUCLEAR COMPANY**  
A Division of  
**Union Carbide Corporation**  
Post Office Box Y  
Oak Ridge, Tenn.  
RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED, RETURN TO SENDER IMMEDIATELY.

## Park Girls' Champ; Scrappers Top Team

Continued from Page 3

game of the tourney with a 264. Finishing behind Oliver in the all-event handicap was R. W. Brothers with a 1897 mark. Arnold Tiller scored the highest single handicap game in the tournament with a 280.

Shirley Brown and Nell McGinnis teamed up to take the high scratch honors in women's doubles with a 873. Helen Corbett and Joyce Powers were not far below with an 869 mark. Joanne Osborne and Louise Eubanks led the handicap scoring with a 1160 to beat Joyce Gillihan and Nancy Garrison who had a 1085 mark.

In women's singles Shirley Brown placed first with a 446 mark to top Jean Vaughn, the second place winner, with 423. Joanne Osborne again was first in handicap scoring with a robust 636 while Eubanks scored 545 to place second.



Joanne Osborne

Shirley Brown was runner-up to Dot Parks as she marked a 1317 scratch all-event score. Joanne Osborne rounded out a fine tournament by taking first place in women's handicap all-event with 1778. Louise Eubanks was not far behind with a 1721 score.

All in all the 12th Annual Y-12 Bowling Tournament was one of the best tourneys staged in the history of the plant. Many positions and trophies were decided by just a very few pins in the high scoring event, which is an excellent example of the improvement of individual games in the past year.

## 58,676 Fish Rescued At Cherokee Lake

Rescue operations of a project of the State Game and Fish Commission saved 58,676 desirable fish from potholes left isolated when the level of Cherokee Lake was drawn down last August and September. Of the total rescued 3,817 were adult fish.

Rescue operations at Cherokee saved 9,316 largemouth bass, 12 smallmouth bass, 4,819 crappie, 39,988 bluegill, 172 white bass, 1,360 warmouth, three walleye and 3,006 catfish.

During August, 649 fish also were rescued from potholes at Norris Lake.

Carp and shad recovered in the operations were destroyed.

Wife: "Hello, hello, is this the Missing Persons Bureau? My husband has disappeared. Can you help me find him?"

Bureau Chief: "Certainly, Madam, will you describe him?"

Wife: "Of course, thank you. He's short and very fat. And bald. Likes blondes and alcohol. Wears thick glasses and has a high-pitched, squeaky voice with a red nose. And—uh—oh, to heck with him. Never mind!"

Don't be a "tail-gater."

## Rides Wanted, Offered

One rider wanted from Maryville to any portal, straight days. C. F. Huskey, plant phone 7733, home phone YU 2-1312, Maryville.

Rider wanted from Kingston to West Portal, straight days. D. L. Patterson, home phone FR 6-6233, Kingston.

## Continuous Burning Fluorescent Lamps More Economical

The Y-12 plant and other Carbide units in Oak Ridge are among the heaviest users of electricity in the nation—and the juice costs lots of money. The cost is so much that cautious use of the commodity—especially in lighting—can result in a substantial savings in operational cost to the plant.

Most of Y-12 now is illuminated with fluorescent lamps and a recent study of the use of these lamps has demonstrated some interesting figures on how power can be saved.

### Additional Switching Costly

For instance, it is pointed out that it is more economical to turn the fluorescent lights on at the beginning of a work day and then turn them off at the end of the period instead of turning them on and off at intervals, even when an office or room is unoccupied for some time. If these lamps are switched on and off five times in 10 hours of operation, the operation cost is approximately the same as if the lamps were allowed to burn continuously for 24 hours.

A motorist in the back country came upon a farmer holding a hog up to an apple tree while the animal munched on apples.

"Isn't that a slow way to feed him?" asked the motorist.

"Could be," agreed the farmer, "but shucks—what's time to a hog?"



FOR "HIS OUTSTANDING LEADERSHIP IN BUSINESS, community and academic affairs," Howard S. Bunn, Executive Vice President, Union Carbide Corporation, left, was presented the 1957 L-In-Life award of the Lehigh Club of New York by the club's president, W. Frederick Colclough, at the 17th annual dinner held recently at the University Club, New York City.



"I'M HUNGRY, MAMA," two-day-old Donna Sue Meredith seems to be saying to her mother, Bonnie Roberts Meredith, just two days after the youngster was born December 20, 1957, at Newport, Tenn. The mother formerly was with Production Assay and well-known to throngs of Y-12ers. She is the daughter of Roy Roberts, Health Physics, and with her sister, Patricia, formed a fine girls' softball battery several years ago. Don Meredith, father of the baby, is a State Highway Patrolman.

## AEC Will Close Boron 10 Plant At Niagara Falls

The Atomic Energy Commission has announced it will shut down its Boron 10 production plant near Niagara Falls, N. Y., with the plant being placed in stand-by condition. It is expected the plant will be completely closed by July 1 and the orderly shut down will be timed so as to minimize reemployment problems of effected personnel. About 115 persons have been employed at the plant.

The decision to close the Boron 10 plant followed a study by the AEC that showed that the present supply of the material is sufficient to meet the demand for the next several years. Boron 10 is a neutron absorbing material that is useful in nuclear reactor shielding and control and also for radiation detection instrumentation.

## 10 Years Service

Congratulations are extended to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

William Park, General Machine Shop, February 16.

John G. Warpool, Dogwood Shop, February 16.

Carl W. Frazier, Colex Auxiliary Operations, February 19.

## Accidental Deaths Were Fewer During '57 First Reduction Shown In Rate For Three Years

Deaths from accidents in the United States will total close to 94,000 for 1957, statisticians of the Metropolitan Life Insurance Company estimate.

This is approximately 1,000 less than in 1956. It was the first time in three years that the number of fatally injured showed a reduction, the total having increased from 90,000 in 1954, to nearly 93,500 in 1955, and further to 95,000 in 1956.

### Near All Time Low Mark

Provisional figures indicate that the accident death rate in 1957 is 55 per 100,000 population, or about on the level of the all-time low recorded in 1954.

Motor vehicle accidents account for approximately 38,500 fatalities in 1957, which again is about 1,000 below the preceding year's toll, although still one of the highest on record. Motor vehicles continue to be the leading cause of fatal injuries by a considerable margin, accounting for about two-fifths of all accidental deaths.

The statisticians see encouragement, however, in preliminary data for 1957 which indicate that for the first time in three years the annual death rate per 100-million vehicle miles showed a decline.

### Home Accidents Also Drop

Fatal injuries sustained in and about the home also showed a reduction of 1,000 from the year before, the number killed in such accidents in 1957 totaling approximately 27,000. On the other hand, fatalities in public accidents other than those involving motor vehicles, increased to about 16,500, or about 500 more than in 1956.

Accidents arising out of and in the course of employment were responsible for about 14,500 deaths in 1957, of which 3,000 involved a motor vehicle, this latter figure also being included in the total for motor vehicle accidents.

## Perfect Safety Record For 1958

Continued from Page 1

guish, worry and cost involved in every disabling injury.

The value of the awards to be received for the 22nd Safety Period just set will be \$2 each, but if the period is extended to 3,000,000 or 5,000,000 man-hours worked without a disabling injury the award values will increase to \$5 and \$10 respectively. Of course, those individual awards are an incentive to continued safe working habits—and all Y-12 UCNC employees are reminded that the longer the safety period the more valuable are the awards.

### Reached 3,000,000-Hours Twice

The Y-12 Plant has achieved the mark of more than 3,000,000 safe working hours twice in the operation of the plant; once in 1953 and again last year. It is the goal of every Union Carbide Corporation plant to reach the 5,000,000 hours of safe operations, so let us, as Y-12 employees, set this mark as our primary goal, and accomplish it!

Remember safety rules during every minute of the day and night and let's build on our present fine record—make the 22nd Safety Period extend to 3,000,000 or 5,000,000 or even to 10,000,000 man-hours worked without a disabling injury!

The boss had just returned from his annual two weeks with pay. He looked unusually gay.

"How was your vacation?" asked one of his office workers.

"Fine, just fine," the boss replied, "but there's just nothing like the feel of a good desk under your heels again."



"WHATTA' WHOPPER" is Ellis Douglas Mitchell, son of Hence Mitchell, Production Control, who weighed 11 pounds when he was born December 31, 1957. Ellis Douglas, who was four days old when the picture was taken, has five brothers and one sister.

## Industrial Engineers Tour Dempster Plant

Continued from Page 1

which bale scrap metal. One especially interesting item was a huge press baling a scrapped automobile into a metal block approximately 2 x 3 feet square. The various welding processes in operation were observed and the production handling facilities which include the handling and moving of material weighing up to 100 tons.

Also studied by the AIIE group were the special work areas that each employee on the assembly line performs his job in, the jobs that are performed by each employee are similar each time an article moves down the assembly line. Many new methods of production and new types of equipment were presented to the Industrial Engineers.

Officers of the AIIE are Bob Krapf, with the TVA in Knoxville, president; Austin Read, Y-12 Safety Department, vice-president; Brice Burrus, Y-12 Accounting and Budget Department, secretary and treasurer.

## Delaware Man Is Declared First President Of U. S.

Although George Washington has been widely called the "Father of our Country," he really wasn't the first president of the nation. The first was Thomas McKean, of Delaware. He signed himself as "President of the United States of America in Congress Assembled."

However, George Washington was the first president of the United States elected under the Constitution.

Our national wealth today represents about 42% of the wealth of the entire world, although we have only 6% of the population and 7% of the land area.

